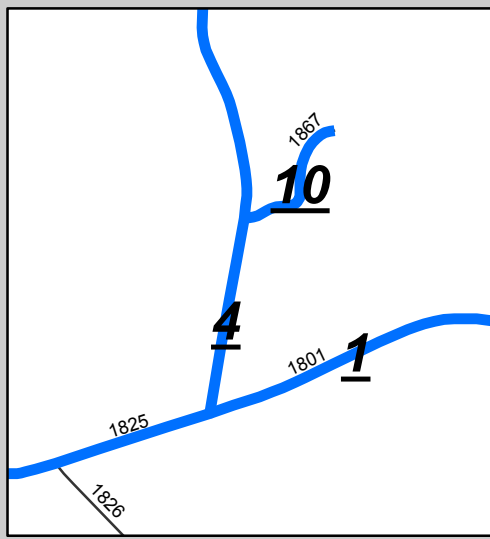
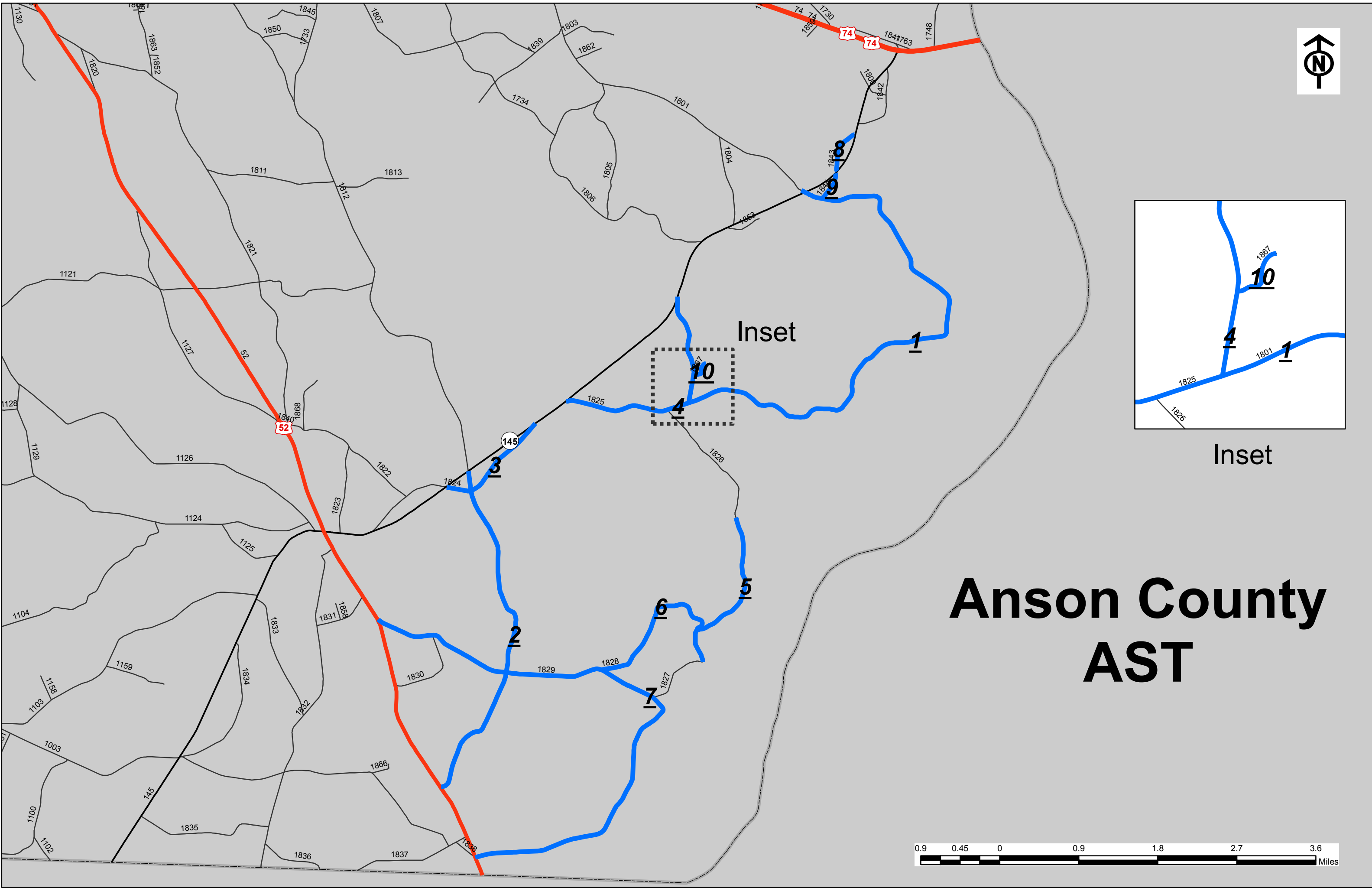


PROJECT NO.	SHEET NO.	TOTAL NO.
2016CPT.10.59.20042	1	4

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	BEGIN MP	END MP	LANES	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	ASPHALT SURFACE TREATMENT, DOUBLE SEAL SY	EMULSION FOR ASPHALT SURFACE TREATMENT GAL	BLOTTING SAND TON	WORK ZONE ADVANCE/GENERAL WARNING SIGNING SF	TEMPORARY TRAFFIC CONTROL LS
2016CPT.10.59.20042	Anson	1	PITT RD (SR 1801)	FROM NC 145 TO SHILOH CHURCH RD (SR 1825)	0	6.33	2	NO	NO	6.33	16	59,418	32,680		120	
TOTAL FOR MAP NO. 1										6.33		59,418	32,680		120	
2016CPT.10.59.20042	Anson	2	DIGGS RD (SR 1812)	FROM US 52 TO NC 145	7.45	11.5	2	NO	NO	4.02	19	44,810	24,645		144	
TOTAL FOR MAP NO. 2										4.02		44,810	24,645		144	
2016CPT.10.59.20042	Anson	3	SPORTSMAN RD (SR 1824)	FROM NC 145 TO NC 145	0	1.35	2	NO	NO	1.35	18	14,256	7,841		112	
TOTAL FOR MAP NO. 3										1.35		14,256	7,841		112	
2016CPT.10.59.20042	Anson	4	SHILOH CHURCH RD (SR 1825)	FROM NC 45 TO NC 45	0	2.71	2	NO	NO	2.71	16	25,438	13,991		56	
TOTAL FOR MAP NO. 4										2.71		25,438	13,991		56	
2016CPT.10.59.20042	Anson	5	CAIRO RD (SR 1826)	FROM SHILOH CHURCH RD (SR 1825) TO THE END OF PAVEMENT	0	1.59	2	NO	NO	1.59	16	14,925	8,209		56	
TOTAL FOR MAP NO. 5										1.59		14,925	8,209		56	
2016CPT.10.59.20042	Anson	6	HIGH HILLS RD (SR 1828)	FROM OLD FERRY RD (SR 1827) TO OLD SNEEDSBORO RD (SR 1829)	0	2.5	2	NO	NO	2.5	20	29,333	16,133		56	
TOTAL FOR MAP NO. 6										2.5		29,333	16,133		56	
2016CPT.10.59.20042	Anson	7	OLD SNEEDSBORO RD (SR 1829)	FROM US 52 TO US 52	0	6.69	2	NO	NO	6.69	16	62,797	34,538		176	
TOTAL FOR MAP NO. 7										6.69		62,797	34,538		176	
2016CPT.10.59.20042	Anson	8	THELMA ROBINSON RD (SR 1843)	FROM NC 145 TO NC 145	0	0.51	2	NO	NO	0.51	18	5,386	2,962		112	
TOTAL FOR MAP NO. 8										0.51		5,386	2,962		112	
2016CPT.10.59.20042	Anson	9	SHORE RD (SR 1844)	FROM PITT RD (SR 1801) TO NC 145	0	0.38	2	NO	NO	0.38	20	4,459	2,452		56	
TOTAL FOR MAP NO. 9										0.38		4,459	2,452		56	
2016CPT.10.59.20042	Anson	10	PLANTERS RD (SR 1867)	FROM SHILOH CHURCH RD (SR 1825) TO THE DEAD END	0	0.23	2	NO	NO	0.23	20	2,699	1,484		32	
TOTAL FOR MAP NO. 10										0.23		2,699	1,484		32	
TOTAL FOR PROJ NO. 2016CPT.10.59.20042										26.31		263,521	144,935	20.00	920	1
GRAND TOTAL										26.31		263,521	144,935	20.00	920	1

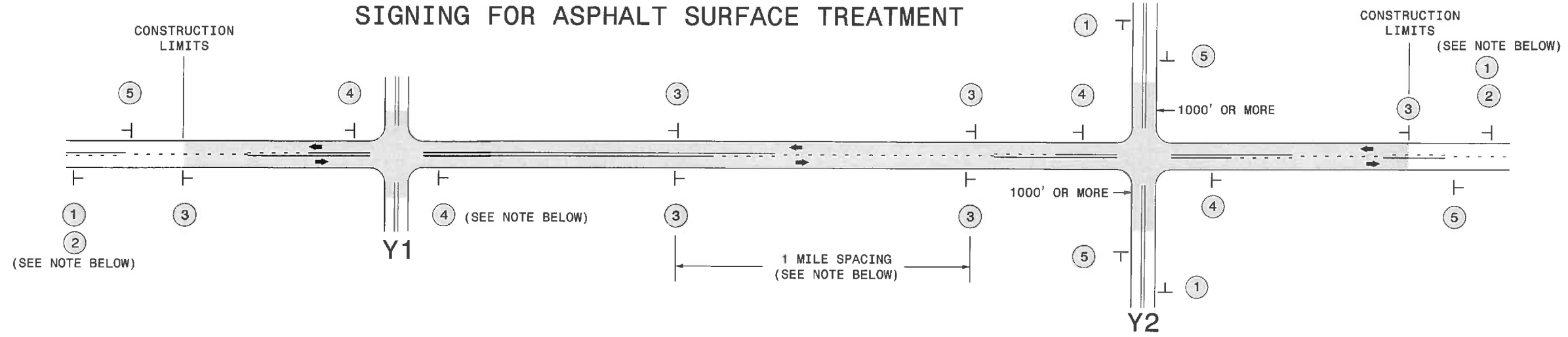


Inset

Anson County AST



SIGNING FOR ASPHALT SURFACE TREATMENT



LEGEND

┆ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.
	2		#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)
	3	 	ALTERNATE THE FOLLOWING TWO SIGNS: STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT". PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.
	4		THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.
	5		PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

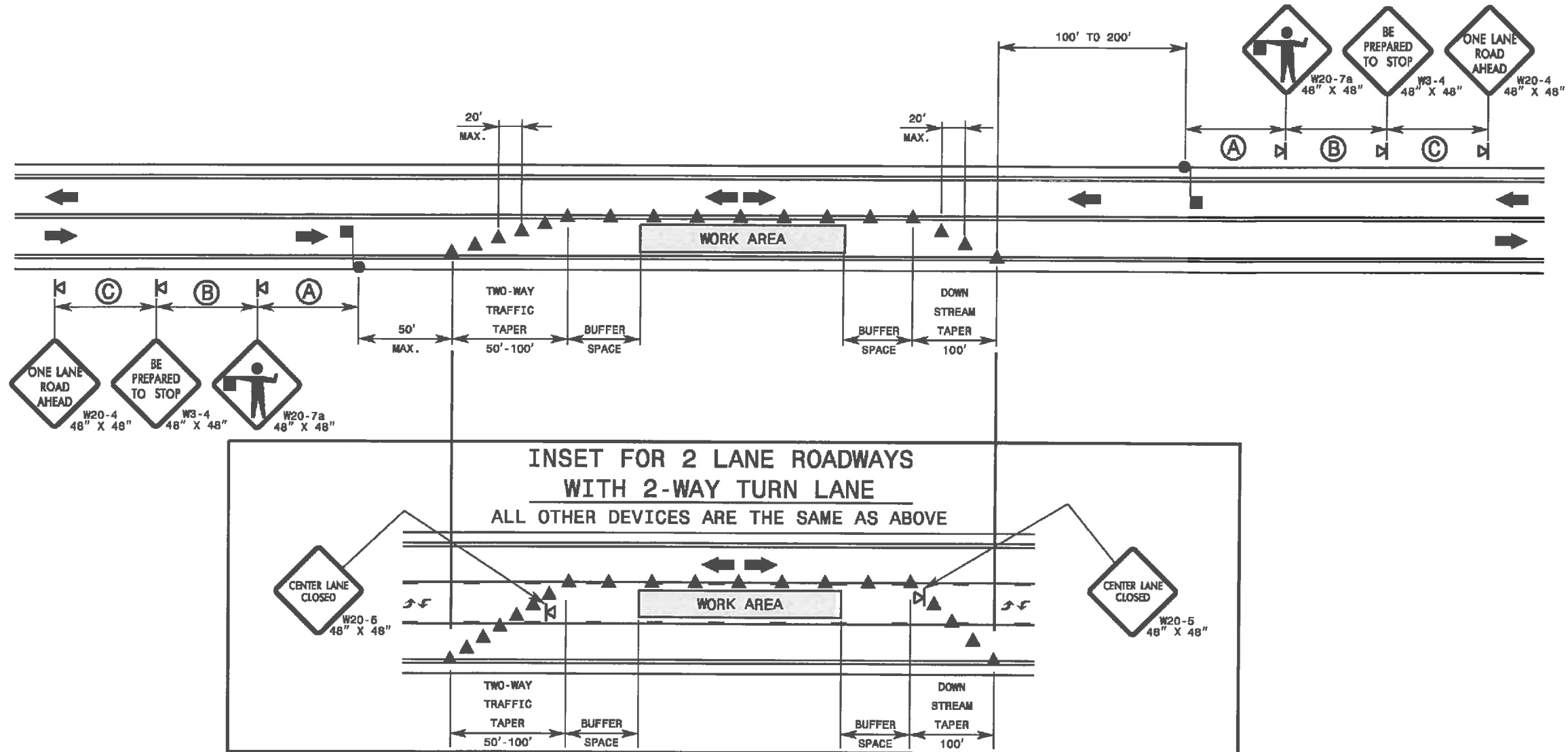


PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.



ADVANCE WARNING SIGNS FOR ASPHALT SURFACE TREATMENTS 2 LANE ROADWAYS

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GENERAL NOTES FOR FLAGGER OPERATIONS

- 1- REFER TO STD. 1101.11 SHEET 4 FOR SIGN SPACING.
- 2- INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC.
- 3- REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.
- 4- PLACE CONES THRU THE WORK AREA AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES THE POSTED SPEED LIMIT.
- 5- EXTEND LANE CLOSURES AT THE BUFFER SPACE SUCH THAT STOPPING SIGHT DISTANCE IS PROVIDED TO THE FLAGGER (REFER TO STD. 1101.11 SHEET 2).
- 6- DO NOT STOP TRAFFIC IN ANY ONE DIRECTION FOR MORE THAN 5 MINUTES AT A TIME.
- 7- DRUMS OR SKINNY-DRUMS MAY BE USED IN LIEU OF CONES. REFER TO ROADWAY STANDARD DRAWING 1180.01 FOR SKINNY-DRUM REQUIREMENTS.
- 8- USE FLAGGERS TO CONTROL TRAFFIC AT INTERSECTIONS AFFECTED BY THE LANE CLOSURE. SUPPLEMENT FLAGGERS LOCATED AT INTERSECTIONS WITH FLAGGER AHEAD SIGNS (W20-7a) PLACED APPROXIMATELY 250 FT. IN ADVANCE OF THE FLAGGER. FOR SIGNALIZED INTERSECTIONS PLACE SIGNALS IN THE FLASH MODE AND RECOMMEND THE USE OF LAW ENFORCEMENT.
- 9- REFER TO 2009 MUTCD, CHAPTER 6, FOR FLAGGER CONTROL, REQUIREMENTS, AND PROCEDURES.
- 10- DO NOT EXCEED A 1 MILE LANE CLOSURE LENGTH UNLESS OTHERWISE SHOWN IN THE TMP OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES FOR PILOT CAR OPERATIONS

- 1- USE PILOT CARS WHEN DIRECTED BY THE ENGINEER.
- 2- IF ROADWAY WIDTH IS LESS THAN 22 FEET (EOP TO EOP), CONES MAY NOT BE REQUIRED ALONG WORK AREA, AND AT THE DISCRETION OF THE ENGINEER, CONES MAY BE OMITTED ALONG THE WORK AREA IF USING A PILOT CAR.
- 3- CONES ARE ALWAYS REQUIRED IN THE UPSTREAM AND DOWNSTREAM TAPERS.
- 4- MOUNT SIGN G20-4 "PILOT CAR FOLLOW ME" AT A CONSPICUOUS POSITION ON THE REAR OF THE PILOT VEHICLE.
- 5- DO NOT INSTALL MORE THAN ONE (1) MILE OF LANE CLOSURE, MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- 6- ADVISE RESIDENTS AND BUSINESSES WITHIN THE LANE CLOSURE LIMITS ABOUT METHODS OF SAFE EGRESS AND INGRESS FROM DRIVEWAYS DURING FLAGGING AND PILOT CAR OPERATIONS.

LEGEND

- FLAGGER
- CONE
- PORTABLE SIGN
- DIRECTION OF TRAFFIC FLOW